

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	748	(222/484).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/02 10:40
S2	1	("0222565").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 10:52
S3	485	(222/565).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:18
S4	512	(222/570).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:20
S5	485	(222/571).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:01
S6	47	("0756586"   "1100536"   "1120313"   "1214000"   "1253579"   "1279667"   "1344516"   "1419829"   "1472046"   "1966035"   "2110026"   "2701078"   "3059816"   "3168221"   "3361412"   "3412902"   "3506167"   "3850350"   "4061248"   "4607768"   "4726091"   "4782985"   "4789082"   "4901892"   "4925040"   "4938390").PN. OR ("5228603"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 13:01

## EAST Search History

S7	213	("0225298"   "0756586"   "0843443"   "1100536"   "1120313"   "1214000"   "1253579"   "1279667"   "1344516"   "1419829"   "1472046"   "1749253"   "1966035"   "2110026"   "2343238"   "2601039"   "2701078"   "2780391"   "2812120"   "2889080"   "2915223"   "3059816"   "3157323"   "3168221"   "3276640"   "3294294"   "3361412"   "3412902"   "3506167"   "3833150"   "3850350"   "4061248"   "4607768"   "4726091"   "4782985"   "4789082"   "4901892"   "4925040"   "4938390").PN. OR ("2743844"   "2812120"   "3059816"   "3067916"   "3096899"   "3184125"   "3198393"   "3833150"   "4078700"   "4193524"   "5228603").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 13:01
S8	95	("1456408"   "1984005"   "2601039"   "2743844"   "2763403"   "2793790"   "2804654"   "2911673"   "3029471"   "3311275"   "3364521"   "3391838"   "3537676"   "3632049"   "3833150"   "4115496"   "4550862"   "4616759"   "4640855"   "4671421"   "4695421"   "4706829"   "4929410").PN. OR ("2110026"   "2743844"   "2915223"   "3168221"   "4637530"   "5114659").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 13:52
S9	275	222/569.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 14:12
S10	265	222/575.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 14:12

## EAST Search History

S11	255	( "0880669"   "1456408"   "1913393"   "1952288"   "1984005"   "2013715"   "2519371"   "2601039"   "2601040"   "2642007"   "2664228"   "2684181"   "2743844"   "2763403"   "2793790"   "2804654"   "2825495"   "2828054"   "2853213"   "2896826"   "2909306"   "2911673"   "2915223"   "3029471"   "3132776"   "3207375"   "3208650"   "3217935"   "3221935"   "3235133"   "3288335"   "3311275"   "3331535"   "3347420"   "3364521"   "3369710"   "3372846"   "3391838"   "3434637"   "3506167"   "3537676"   "3630419"   "3632049"   "3814287"   "3833150"   "3966099"   "3968907"   "4061253"   "4115496"   "4129236"   "4398652"   "4427041"   "4449651"   "4550862"   "4607762"   "4614285"   "4616759"   "4640855"   "4666065"   "4671421"   "4695421"   "4706829"   "4763816"   "4764817"   "4811871"   "4929410"   "5072861"   "5092498"   "5137184"   "5211318"   "5397027"   "5601217"   "5799836"   "5961008"   "6123225"   "6230944"   "D291780").PN. OR ("2110026"   "2678142"   "2743844"   "2915223"   "3168221"   "3307752"   "3311275"   "4128189"   "4509665"   "4637530"   "5114659"   "5129561"   "5397027"   "6026994"   "6742678").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 14:36
S12	1234	222/484.ccis.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 14:36
S13	1502	222/482.ccis.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 14:36
S14	514	222/189.06.ccis.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 16:16
S15	143	222/189.09.ccis.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 16:19

## EAST Search History

S16	94	222/189.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 16:19
S17	44	("4024991"   "4145291"   "4695379"   "4972976"   "4995975"   "5139666"   "5173192"   "5200070"   "5238559"   "5417860"   "5431813"   "5486285").PN. OR ("2968423"   "3132776"   "5688397").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 16:21
S18	77	("0647580"   "0728426"   "0872407"   "0920791"   "1087758"   "1164453"   "1213319"   "1724766"   "2825494"   "2839056"   "2968423"   "3101751"   "3233797"   "3321113"   "3543964"   "3926348"   "4605225"   "4767016"   "4792454"   "4947737"   "4978538"   "5122272"   "5167819"   "5173192"   "5417860"   "5609759"   "5616242"   "5688397"   "6565743"   "D296524"   "D318427"   "D404464"   "D464262").PN. OR ("4243157"   "5417860"   "D487227").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 16:23
S19	61	("2848145"   "2885084"   "3047195"   "3090531"   "3434620"   "3434636"   "4243157"   "4603793"   "4776488"   "5725121"   "D174936"   "D179159"   "D193121"   "D229826"   "D292489"   "D364810"   "D404646").PN. OR ("3233797"   "3926348"   "D279169"   "D464262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 16:27

## EAST Search History

S20	135	("0062333"   "0469064"   "0647187"   "0728426"   "0920791"   "1385288"   "1832735"   "1865023"   "2408902"   "2600589"   "2834497"   "2848145"   "2885084"   "3047195"   "3081912"   "3090531"   "3143257"   "3145872"   "3235133"   "3311275"   "3422998"   "3434620"   "3434636"   "3630419"   "3926348"   "3966099"   "4127219"   "4197965"   "4243157"   "4269313"   "4271979"   "4522314"   "4555341"   "4603793"   "4776488"   "5238163"   "5397027"   "5417860"   "5725121"   "5799836"   "5950876"   "6026994"   "6230944"   "D174936"   "D179159"   "D188393"   "D193121"   "D229826"   "D292489"   "D335721"   "D364810"   "D404646").PN. OR ("3233797"   "3926348"   "5829644"   "6845887"   "D193121"   "D279169"   "D404646"   "D464262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 16:31
S21	61	("0217127"   "0221091"   "0500260"   "0880669"   "1745011"   "1913393"   "2387699"   "2618800"   "2642207"   "2785839"   "2825495"   "2828054"   "3121519"   "3209963"   "3235133"   "3422998"   "3630419"   "3834596"   "3966099"   "4398652"   "4979655"   "5110017"   "5211318"   "5402920").PN. OR ("3081912"   "6230944"   "D193121").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 16:34
S22	2	"5799836".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 17:23

## EAST Search History

S23	57	(US-5228603-\$ or US-4193524-\$ or US-3198393-\$ or US-3184125-\$ or US-3067916-\$ or US-3059816-\$ or US-2812120-\$ or US-4078700-\$ or US-3833150-\$ or US-3096899-\$ or US-2743844-\$ or US-5114659-\$ or US-4637530-\$ or US-3168221-\$ or US-2915223-\$ or US-2110026-\$ or US-4509665-\$ or US-4128189-\$ or US-3311275-\$ or US-6742678-\$ or US-6026994-\$ or US-5397027-\$ or US-3307752-\$ or US-2678142-\$ or US-5129561-\$ or US-6123225-\$). did. or (US-5799836-\$ or US-5072861-\$ or US-4398652-\$ or US-3966099-\$ or US-3630419-\$ or US-3563422-\$ or US-3235133-\$ or US-3217935-\$ or US-1913393-\$ or US-5601217-\$ or US-3300104-\$ or US-3132776-\$ or US-2968423-\$ or US-5688397-\$ or US-D487227-\$ or US-5417860-\$ or US-4243157-\$ or US-D464262-\$ or US-D279169-\$ or US-3926348-\$ or US-3233797-\$ or US-6845887-\$ or US-D404646-\$ or US-5829644-\$ or US-D193121-\$ or US-6230944-\$). did. or (US-3168221-\$ or US-3217935-\$ or US-3132776-\$ or US-3081912-\$ or US-2642207-\$). did.	USPAT; USOCR	OR	ON	2005/09/16 17:32
S24	8	S23 and drip	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 18:12
S25	139	D261212 D418417 "2872060" D437782 "1087758" "1164453" "3926348" "4605225" D296524 D318427 "5417860" "5609759" "5616242" "5688397" D404464 D464262 "6565743" D487227	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 18:13
S26	22	("0242962"   "1151997"   "2311763"   "2370668"   "2497134"   "2605931"   "2830731"   "3630419"   "3926348"   "3966099"   "4785839").PN. OR ("5799836"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/17 13:18
S27	30	("1724766"   "2825494"   "2968423"   "3101751"   "3233797"   "3321113"   "3543964").PN. OR ("4243157").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/17 13:27

## EAST Search History

S28	59	(US-6230944-\$ or US-4193524-\$ or US-3067916-\$ or US-3059816-\$ or US-3563422-\$ or US-3168221-\$ or US-5228603-\$ or US-4637530-\$ or US-4078700-\$ or US-3096899-\$ or US-2743844-\$ or US-3833150-\$ or US-2915223-\$ or US-4128189-\$ or US-2110026-\$ or US-4509665-\$ or US-5114659-\$ or US-6026994-\$ or US-2812120-\$ or US-3233797-\$ or US-6123225-\$ or US-1151997-\$ or US-6742678-\$ or US-6845887-\$ or US-3630419-\$ or US-3926348-\$). did. or (US-3966099-\$ or US-2968423-\$ or US-D279169-\$ or US-3184125-\$ or US-2497134-\$ or US-3311275-\$ or US-2678142-\$ or US-5397027-\$ or US-4398652-\$ or US-5129561-\$ or US-3307752-\$ or US-3132776-\$ or US-3235133-\$ or US-3217935-\$ or US-5829644-\$ or US-5799836-\$ or US-5601217-\$ or US-3198393-\$ or US-5072861-\$ or US-1913393-\$ or US-3300104-\$ or US-5688397-\$ or US-D487227-\$ or US-5417860-\$ or US-D464262-\$ or US-D404646-\$ or US-4243157-\$). did. or (US-D193121-\$). did. or (US-3168221-\$ or US-3132776-\$ or US-3217935-\$ or US-2642207-\$ or US-3081912-\$). did.	USPAT; USOCR	OR	ON	2006/03/18 15:05
S29	6	S28 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 15:05
S30	1	S28 and color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 15:05
S31	1	S28 and indicator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 15:06
S32	8	S30 S31 S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 15:06

## EAST Search History

S33	15	("1087758"   "1164453"   "3926348"   "4605225"   "5417860"   "5609759"   "5616242"   "5688397"   "6565743"   "D296524"   "D318427"   "D404464"   "D464262").PN. OR ("D487227").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 11:38
S34	497	222/563.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 11:38
S35	2	"3283964".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:46
S36	15	("1087758"   "1164453"   "3926348"   "4605225"   "5417860"   "5609759"   "5616242"   "5688397"   "6565743"   "D296524"   "D318427"   "D404464"   "D464262").PN. OR ("D487227").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 11:51
S37	1520	222/482.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 12:02
S38	788	222/562.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 11:54
S39	25	S37 and S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 11:52
S40	1041	222/478.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 11:54
S41	6	S40 and S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 11:54
S42	7925	222/478-488.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 11:55
S43	81	S38 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 11:55
S44	38	("3117701"   "D193121").URPN.	USPAT	OR	ON	2006/10/29 11:58
S45	426	222/479.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 12:02

## EAST Search History

S46	76	("0880669"   "2715480"   "2796205"   "2812120"   "3117701"   "3319842"   "3361307"   "3455500"   "3610484"   "3658218"   "3858766"   "4193524"   "4509665"   "4705192"   "4781313"   "5002209"   "5199613"   "5377882").PN. OR ("2785839"   "3184125"   "3319842"   "3323691"   "3323693"   "3330450"   "3762612"   "5002209"   "6845885").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 12:46
S47	757	(222/484).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 10:49
S48	1	("0222565").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 10:49
S49	506	(222/565).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 10:49
S50	535	(222/570).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 10:49
S51	505	(222/571).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 10:49
S52	1524	222/482.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:52
S53	541	222/189.06.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 10:49
S54	153	222/189.09.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 10:50

## EAST Search History

S55	499	222/563.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:51
S56	1045	222/478.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:50
S57	793	222/562.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:51
S58	1803	222/556.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:52
S59	8089	222/478-489.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:53
S60	11901	222/544-563.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:53
S61	1578	S59 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:53
S62	34	S49 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:53
S63	113	("0217127"   "0221091"   "0500260"   "0880669"   "1087758"   "1164453"   "1745011"   "1913393"   "2387699"   "2618800"   "2642207"   "2785839"   "2825495"   "2828054"   "3121519"   "3209963"   "3235133"   "3422998"   "3630419"   "3834596"   "3926348"   "3966099"   "4398652"   "4605225"   "4979655"   "5110017"   "5211318"   "5402920"   "5417860"   "5609759"   "5616242"   "5688397"   "6565743"   "D296524"   "D318427"   "D404464"   "D464262").PN. OR ("3059816"   "6230944"   "D487227").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 13:21
S64	13	("3319842").URPN.	USPAT	OR	ON	2007/05/01 09:17
S65	30	("2848145"   "2885084"   "3047195"   "3090531"   "3434636").PN. OR ("3926348").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 10:34
S66	577	222/572.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 10:35

## EAST Search History

S67	1050	222/567.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 10:36
S68	70	("1966611"   "2743844"   "2812113"   "290192"   "3297211"   "3311275"   "3323693"   "3361307").URPN.	USPAT	OR	ON	2007/05/01 13:53
S69	70	("2759643"   "2763402"   "3297211"   "3311275"   "3319842"   "3330450"   "3361307"   "3563422"   "3762612"   "3980211").PN. OR ("2743844"   "3980211"   "4264022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 14:53
S70	70	("2759643"   "2763402"   "3297211"   "3311275"   "3319842"   "3330450"   "3361307"   "3563422"   "3762612"   "3980211").PN. OR ("2743844"   "3980211"   "4264022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 14:54
S71	5	("2812113").URPN.	USPAT	OR	ON	2007/05/01 15:33
S72	146	222/189.09.ccls.	USPAT	OR	ON	2007/05/01 15:50
S73	501	222/189.06.ccls.	USPAT	OR	ON	2007/05/01 15:50
S74	8089	222/478-489.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/01 15:51
S75	44	S73 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:15
S76	403	222/547.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:16
S77	1288	222/556.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:17
S78	309	222/563.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:17
S79	8	("3295726").URPN.	USPAT	OR	ON	2007/05/01 16:35
S80	9	("3628697").URPN.	USPAT	OR	ON	2007/05/01 16:36